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Sequence Listing was accepted.

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Reviewer: Anne Corrigan

Timestamp: [year=2008; month=8; day=12; hr=20; min=1; sec=31; ms=121;]

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Application No: 10588903

Version No: 1.0

Input Set:

Output Set:

Started: 2008-07-09 14:19:21.307

Finished: 2008-07-09 14:19:22.627

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 320 ms

Total Warnings: 15

Total Errors: 0

No. of SeqIDs Defined: 20

Actual SeqID Count: 20

Error code	Error Description
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SEQUENCE LISTING

<110> KANO, RUI
HASEGAWA, ATSUSHIKO
INOUE, CHIKA

<120> CANINE CD20 GENE

<130> 8062-1040

<140> 10588903

<141> 2008-07-09

<150> PCT/JP05/001880

<151> 2005-02-09

<150> JP 2004-033810

<151> 2004-02-10

<160> 20

<170> PatentIn Ver. 3.3

<210> 1

<211> 297

<212> PRT

<213> Canis familiaris

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Arg	Met	Pro	Ser	Val	Val	Gly	Pro	Thr	Gln	Asn	Phe	Phe	Met	Arg	Glu
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Cys	Ile	Thr	Met	Trp	Tyr	Pro	Leu	Trp	Gly	Gly	Ile	Met	Phe	Ile	Ile
			85						90					95	

Ser	Gly	Ser	Leu	Leu	Ala	Ala	Ala	Asp	Lys	Asn	Pro	Arg	Lys	Ser	Leu
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Val	Lys	Gly	Lys	Met	Ile	Met	Asn	Ser	Leu	Ser	Leu	Phe	Ala	Ala	Ile
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Ser	Gly	Ile	Ile	Phe	Leu	Ile	Met	Asp	Ile	Phe	Asn	Ile	Thr	Ile	Ser
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His Phe Phe Lys Met Glu Asn Leu Asn Leu Ile Lys Ala Pro Met Pro
 145 150 155 160
 Tyr Val Asp Ile His Asn Cys Asp Pro Ala Asn Pro Ser Glu Lys Asn
 165 170 175
 Ser Leu Ser Ile Gln Tyr Cys Gly Ser Ile Arg Ser Val Phe Leu Gly
 180 185 190
 Val Phe Ala Val Met Leu Ile Phe Ala Phe Phe Gln Lys Leu Val Thr
 195 200 205
 Ala Gly Ile Val Glu Asn Glu Trp Lys Lys Leu Cys Ser Lys Pro Lys
 210 215 220
 Ser Asp Val Val Val Leu Leu Ala Ala Glu Glu Lys Lys Glu Gln Pro
 225 230 235 240
 Ile Glu Thr Thr Glu Glu Met Val Glu Leu Thr Glu Ile Ile Ala Ser
 245 250 255
 Gln Pro Lys Lys Glu Glu Asp Ile Glu Ile Pro Val Gln Glu Glu Glu
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 290 295

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 <213> Canis familiaris

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 atcctgttca aaaaataatt cccaaaagga tgccttcagt ggtgggccct acacaaaact 180
 tcttcattgag ggaatctaag acactggggg ctgtccagat tatgaatggg ctcttcacac 240

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tgtggtacc	tctctgggga	ggcattatgt	tcatcatttc	tggatcactc	ctggcagcag	360
cggacaaaa	ccccaggaag	agtttgggtca	aaggaaaaat	gataatgaac	tcattgagcc	420
tctttgctgc	catttctgga	ataatttttt	tgatcatgga	catatttaat	attaccattt	480
cccatTTTT	taaaatggag	aatttgaatc	ttattaaagc	tcccatgcca	tatgttgaca	540
tacacaactg	tgaccagct	aacccctctg	agaaaaactc	ttatctata	caatattgtg	600
gcagcatacg	atctgttttc	ttgggcggtt	ttgctgtgat	gctgatcttt	gccttcttcc	660
agaaacttgt	gacagctggc	attgttgaga	atgaatggaa	aaaactgtgc	tctaaacct	720
aatctgatgt	agttgttctg	ttagctgctg	aagaaaaaaa	agaacagccg	attgaaacaa	780
cagaagaaat	ggttgagctg	actgaaatag	cttcccaacc	aaagaaagaa	gaagacattg	840
aaattattcc	agtccaagaa	gaagaagggg	aactggaaat	aaactttgca	gaacctcccc	900
aggagcagga	atcttcacca	atagaaaacg	acagcatccc	ttaagtaacg	tttttctttc	960
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cctgaggccc	cctgcaggtg	ggcctcctcc	atgtgtctct	ctggcctttg	catggagtga	1080
ccacagctcg	cttgcgctag	ctcgtctctc	ttctctcatg	cagaggatgc	agccattgca	1140
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<212> RNA

<213> *Canis familiaris*

<400> 4

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auccuguuca	aaaaauaaau	cccaaaggga	ugccuucagu	ggugggcccu	acacaaaacu	180
ucuucaugag	ggaaucuaag	acacuggggg	cuguccagau	uauaauggg	cucuuccaca	240
uugcccuagg	cagccuccug	augauucaca	cggaugucug	ugcgcccauc	uguauaacua	300
ugugguaccc	ucucugggga	ggcauuuugu	ucaucauuuc	uggaucacuc	cuggcagcag	360
cggacaaaa	ccccaggaag	aguuuugguca	aaggaaaaau	gauaaugaac	ucauugagcc	420
ucuuugcugc	cauuucugga	auaauuuuuu	ugaucaugga	cauauuuau	auuaccuuu	480
cccauuuuuu	uaaaugggag	aauuugaau	uuauuaaagc	ucccaugcca	uauugugaca	540
uacacaacug	ugaccagcu	aaccuccug	agaaaaacuc	uuauucuaa	caauauugug	600
gcagcauacg	aucuguuuuc	uugggcuuu	uugcugugau	gcugaucuuu	gccuucuucc	660
agaaacuugu	gacagcuggc	auuguugaga	augaauaggaa	aaaacugugc	ucuaaaccua	720
aaucugaugu	aguuguucug	uuagcugcug	aagaaaaaaa	agaacagccg	auugaaacaa	780
cagaagaaau	gguugagcug	acugaaauag	cuucccaacc	aaagaaagaa	gaagacauug	840
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aggagcagga	aucuucacca	auagaaaacg	acagcauccc	uuaaguaacg	uuuuucuuuc	960
uguuuuccuu	ucuuaggcg	uaguguucac	agcuuucacg	agacauaucc	accucuguuu	1020
ccugaggccc	ccugcaggug	ggccuccucc	augugucucu	cuggccuuug	cauggaguga	1080
ccacagcucg	cuugcgcuag	cucgcucucu	uucucucaug	cagaggaucc	agccauugca	1140
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<211> 132

<212> DNA

<213> *Canis familiaris*

<400> 5

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 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
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<210> 7
 <211> 23
 <212> DNA
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 <220>
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<210> 9
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<223> Description of Artificial Sequence: Synthetic
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<210> 11
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<223> Description of Artificial Sequence: Synthetic
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<223> Description of Combined DNA/RNA Molecule:
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<210> 14
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<212> DNA
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<210> 15

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<212> DNA

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<210> 16

<211> 23

<212> DNA

<213> Artificial Sequence

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<223> Description of Combined DNA/RNA Molecule: Synthetic oligonucleotide

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<210> 17

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<212> DNA

<213> Artificial Sequence

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